

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

LAUNCH VEHICLES AND PAYLOAD OPERATIONS

FISCAL YEAR 2000 ESTIMATES

GENERAL STATEMENT

GOAL STATEMENT

The Launch Vehicles and Payload Operations program is a key component of NASA's Human Exploration and Development of Space (HEDS) Enterprise, which has as its ultimate mission to open the space frontier by exploring, using and enabling the development of space. Our current launch vehicle and payload operations programs provide safe, assured transportation to and from space for people and payloads, in order to enhance scientific knowledge, support technology development, and enable commercial activity. In addition, this budget accounts supports the four major goals of the HEDS program which are: (1) Increase human knowledge of nature's processes using the space environment; (2) Explore the solar system; (3) Achieve routine space travel; and (4) Enrich life on Earth through people living and working in space.

STRATEGY FOR ACHIEVING GOALS

In Launch Vehicles and Payload Operations, we are committed to ensuring effective, efficient and safe transportation to and from space, while continually seeking to improve the safety margin of the Space Shuttle. We are actively seeking opportunities to reduce operational costs, improve performance on development projects and to selectively enhance capabilities to meet customer needs.

Through the utilization of the Space Shuttle and ELVs, we will ensure that capabilities are maintained to provide access to space that enables the development of advanced space systems, technologies, and materials. In providing these capabilities, we will ensure that our workforce, our most important resource, will have management support to meet operational and future program requirements through career development training and employee recognition programs.

Recognizing the national benefits derived from past Space Shuttle activities, we will continue to emphasize the HEDS contribution to the national community. These contributions include science and engineering educational opportunities for our youth, collaborative relationships with industry, and improved quality of life through advanced technology, provided both directly to the private sector and through "spinoffs".

Space Shuttle achievements in exploration and development of space have paved the way for enhancing our nation's leadership in expanding human presence in space. The necessity to fly safely and the requirement to satisfy payload customer needs, while striving to reduce operations costs will be the dominant programmatic thrusts throughout the next decade. The success of the Space Shuttle in achieving HEDS goals and objectives will play a central role in leading our Nation to future discoveries and technological advances that will benefit us all.

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LAUNCH VEHICLES AND PAYLOAD OPERATIONS

**FISCAL YEAR 2000 ESTIMATES
(IN MILLIONS OF REAL YEAR DOLLARS)**

	<u>BUDGET PLAN</u>		
	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>
LAUNCH VEHICLES AND PAYLOAD OPERATIONS	<u>3,118.2</u>	<u>3,175.3</u>	<u>3,155.3</u>
SPACE SHUTTLE	2,912.8	2,998.3	2,986.2
PAYLOAD UTILIZATION AND OPERATIONS	205.4	177.0	169.1

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LAUNCH VEHICLES AND PAYLOAD OPERATIONS

**REIMBURSABLE SUMMARY
(IN MILLIONS OF REAL YEAR DOLLARS)**

	<u>BUDGET PLAN</u>		
	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY2000</u>
LAUNCH VEHICLES AND PAYLOAD OPERATIONS	<u>60.5</u>	<u>208.9</u>	<u>205.1</u>
SPACE SHUTTLE	27.1	70.6	20.0
PAYLOAD UTILIZATION AND OPERATIONS	33.4	138.3	185.1

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FISCAL YEAR 2000 ESTIMATES

**DISTRIBUTION OF LAUNCH VEHICLES AND PAYLOAD OPERATIONS BY INSTALLATION
(Thousands of Dollars)**

Program		Total	Johnson Space Center	Kennedy Space Center	Marshall Space Flight Center	Stennis Space Center	Ames Research Center	Dryden Fligh Research Center	Langley Research Center	Glenn Research Center	Goddard Space Flight Center	Jet Propulsion Lab	Headquarters
Space Shuttle	1998	2,912,800	1,637,197	156,817	1,060,118	45,716	652	5,800	220	0	2,669	102	3,509
	1999	2,998,300	1,737,100	162,700	1,055,700	31,800	2,200	4,000	200	0	500	100	4,000
	2000	2,986,200	1,745,700	170,900	1,025,600	34,000	1,600	4,000	200	0	600	100	3,500
Payload Utilization and Operations	1998	205,400	83,209	52,541	53,450	1,500	500	0	132	750	9,800	0	3,518
	1999	177,000	35,500	67,600	49,600	1,500	0	0	0	0	12,800	0	10,000
	2000	169,100	37,800	79,000	41,500	1,600	0	0	0	0	8,200	0	1,000
TOTAL LAUNCH VEHICLES & PAYLOAD OPERATIONS	1998	3,118,200	1,720,406	209,358	1,113,568	47,216	1,152	5,800	352	750	12,469	102	7,027
	1999	3,175,300	1,772,600	230,300	1,105,300	33,300	2,200	4,000	200	0	13,300	100	14,000
	2000	3,155,300	1,783,500	249,900	1,067,100	35,600	1,600	4,000	200	0	8,800	100	4,500